

SEQUENCE LISTING

<110> Keener, William K.
Ward, Thomas E.

5 <120> SELECTIVE DESTRUCTION OF CELLS INFECTED WITH HUMAN
IMMUNODEFICIENCY VIRUS

<130> LIT-PI-529

<140> US 09/785,921

<141> 2001-02-15

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<212> DNA

<213> Ricinus communis

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gat gtg aga cat gat ata cca gtg ttg cca aac aga gtt ggt ttg 225
Asp Val Arg His Asp Ile Pro Val Leu Pro Asn Arg Val Gly Leu
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<212> DNA

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		aat ggt tcc aaa ttc agt gtg tac gat gtg agt ata tta atc cct	855				
		Asn Gly Ser Lys Phe Ser Val Tyr Asp Val Ser Ile Leu Ile Pro					
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25	ata	tgg	gat	aat	gga	acc	atc	ata	aat	ccc	aga	tct	agt	cta	gtt	1260
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	Leu	Gln	Ala	Asn	Ser	Gly	Gln	Val	Trp	Ile	Glu	Asp	Cys	Ser	Ser	

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5		cgt cct cag caa aac cga gat aat tgc ctt aca agt gat tct aat	1530				
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		Ser Gly Gln Arg Trp Met Phe Lys Asn Asp Gly Thr Ile Leu Asn					
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15		Leu Tyr Ser Gly Leu Val Leu Asp Val Arg Ala Ser Asp Pro Ser					
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		Leu Lys Gln Ile Ile Leu Tyr Pro Leu His Gly Asp Pro Asn Gln					
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25		<212>	PRT				
		<213>	Human immunodeficiency virus				
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30		<210>	5				
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 5 <223> Encodes the modified proricin linker sequence of SEQ ID NO:4.
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 Val Ser Gln Asn Tyr Pro Ile Val Gln Asn
 1 5 10
 10 <210> 6
 <211> 29
 <212> DNA
 <213> Artificial Sequence
 <220>
 15 <223> Primer for amplifying the 5' portion of the preproricin gene and incorporating a SacI recognition site.
 <400> 6
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 20 <211> 50
 <212> DNA
 <213> Artificial Sequence
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 25 <223> Primer for amplifying the 5' portion of the preproricin gene, mutating the linker sequence, and incorporating a MfeI recognition site.
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 <212> DNA
 5 <213> Artificial Sequence
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 <223> Primer for amplifying the 3' portion of the preproricin
 gene, mutating the linker sequence, and incorporating a
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 gene and incorporating an XhoI recognition site.
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 <212> DNA
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 25 <400> 10
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Met Tyr

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 5 Pro Ser Leu Lys Gln Ile Ile Leu Tyr Pro Leu His Gly Asp Pro
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